Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050721\
Data File : VW018959.D
Acq On : 07 May 2021 15:55
Operator : SY/VA
Sample : M2337-13
Misc : 3.05G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: May 07 23:30:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 07 23:29:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	701311	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	515148	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	160302	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	142658	15.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 63.44%			
7) Chloroethane-d5	2.891	69	135739	19.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.88%			
11) 1,1-Dichloroethene-d2	4.019	63	276180m	15.46	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 61.84%			
21) 2-Butanone-d5	7.092	46	58624	25.02	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 50.04%			
24) Chloroform-d	7.647	84	377445	20.51	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 82.04%			
26) 1,2-Dichloroethane-d4	8.305	65	205851	20.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 80.08%			
32) Benzene-d6	8.275	84	736961	25.32	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.28%			
36) 1,2-Dichloropropane-d6	9.274	67	216882	25.12	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.48%			
41) Toluene-d8	10.323	98	624471	23.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.00%			
43) trans-1,3-Dichloroprop...	10.579	79	65098	16.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 66.36%			
47) 2-Hexanone-d5	10.927	63	46666	30.18	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 60.36%			
56) 1,1,2,2-Tetrachloroeth...	12.694	84	115812	15.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 63.32%			
66) 1,2-Dichlorobenzene-d4	13.853	152	101837	18.54	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 74.16%#			
Target Compounds						Qvalue
13) Acetone	4.147	43	50361	28.05	ug/L	99
16) Methylene chloride	4.921	84	47295	4.08	ug/L	98
22) 2-Butanone	7.183	43	12493	5.02	ug/L	80
29) Cyclohexane	7.958	56	22461	1.82	ug/L	89
33) Benzene	8.323	78	36404	1.18	ug/L	100
35) Methylcyclohexane	9.335	83	8816	0.61	ug/L	89
42) Toluene	10.390	91	784510	23.11	ug/L	99
51) Chlorobenzene	11.658	112	52464	2.53	ug/L	94
54) o-Xylene	12.164	106	4717	0.35	ug/L	88
60) Isopropylbenzene	12.463	105	22581m	0.99	ug/L	
63) 1,2,4-Trimethylbenzene	13.249	105	7715	0.40	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	3813	0.39	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	19357	2.22	ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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